Abstract

A system and method for comparing binary data words are provided, which method includes splitting a first and a second data word (A, B) to be compared to one another into at least two subwords, one having high-order bits (hA, hB) and the other having low-order bits (nA, nB), and separately comparing each pair of the corresponding two subwords (hA, hB; nA, nB) in a separate comparing device. The intermediate comparison results of the comparing devices are gated in a logic device, e.g., an AND gate, to yield an overall result as a function of a control signal which is applied to a correction device, which is connected between at least one of the comparing devices and the logic device.